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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Tsuneo HIRAIDE et al.		
		Filing Date July 9, 2003	Group 1615	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
2 - 1 6 7 8 6 8	06/28/90	JAPAN			X
8 - 4 8 5 8 3	02/20/96	JAPAN			X
2002 - 2 6 5 7 9 5	09/18/02	JAPAN			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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